



BEARING CORP.OF CANADA LTD.



21307CDE4 Bearing 2D drawings and 3D CAD models

35 x 3.15 Inch | 80 Millimeter x 0.827 Inch | 21 Millimeter NSK 21307CDE4 Spherical Roller Bearings

Bearing No. 21307CDE4

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight	0.53
EAN	0029176068058
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	35MM Straight Bore; 80MM Outside Diameter; 21MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21307CDE4
Weight / LBS	0.53
B	0.827 Inch 21 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d	1.378 Inch 35 Millimeter
D	3.15 Inch 80 Millimeter
bore diameter:	35 mm
maximum rpm:	5300 RPM
outside diameter:	80 mm
operating temperature range:	Maximum of +200 ° C
overall width:	21 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	RBEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	21 mm
dynamic load capacity:	71500 N
fillet radius:	1.5 mm
static load capacity:	76000 N



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series:	213
Y3	2.4
hidYobi	21307CDE4
LangID	1
Y1	2.4
D_	80
Y2	3.6
Macha rpm	0
C	71.5
B_	21
da min	44
hidTable	ecat_NSSPHR
Oil rpm	5300
da max	47
Y0	2.4
mass	0.53
GRS rpm	4000
ra	1.5
TSR rpm	7100
C0	76
DE_	68.336
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
d	35
X2	0.67
SIR	7.5
e	0.28
DA_	10
bomp	21307CDE4
Z_	15
ALP2	30



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ALP1	10
ALP3	0
D_a max	71
D_a min	67
yobi	21307CDE4
ALPHA_	0.183
SDM_	58.504
r	1.5
KBRG	2321
SBRG	3
DI_	48.671